

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Virginie FAINEAT, et al.

Attorney Docket No. Q67252

Appln. No.: Unknown

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: November 19, 2001

For: AN ADDRESSING METHOD FOR USE IN AN ACCESS NETWORK OR A  
SATELLITE INFRASTRUCTURE NETWORK THAT CAN SUPPORT DATA  
TRANSFER IN NON-CONNECTED MODE

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

**Please enter the following amended claims:**

18. A satellite telecommunications system for implementing the method according to claim 1, the system including:

at least one satellite terminal having a table for each Internet service provider with which are associated user terminals connected to satellite terminals, said table establishing the relationship between target user terminal addresses and the labels associated with them, and the terminal listening to receiving labels of sub-networks to which the user terminals associated with it belong,

at least one Internet service provider associated with a label server adapted to supply an addressing label as a function of a target terminal station address of a data packet, and

PRELIMINARY AMENDMENT

Attorney Docket No. Q67252

at least one satellite having access to a table establishing the relationship between labels allocated to sub-networks and the spots of its satellite system and means for sending a data packet associated with a given label only in the spot or spots linked to said label.

19. A satellite telecommunications system 18 for implementing the method according to claim 6, the system including:

at least one satellite terminal having a table for each Internet service provider with which are associated user terminals connected to satellite terminals, said table establishing the relationship between target user terminal addresses and the labels associated with them, and the terminal listening to receiving labels of sub-networks to which the user terminals associated with it belong,

at least one Internet service provider associated with a label server adapted to supply an addressing label as a function of a target terminal station address of a data packet,

at least one satellite having access to a table establishing the relationship between labels allocated to sub-networks and the spots of its satellite system and means for sending a data packet associated with a given label only in the spot or spots linked to said label, and

at least one ground station including means for recognizing a "Label optimization" data packet coming from a label server and passing through said ground station to a target via a router connected to the ground station, and for sending the label server an indication to the effect that the label to be taken into account for said target is that to which said ground station forwards the "Label optimization" data packet.

PRELIMINARY AMENDMENT  
Attorney Docket No. Q67252

**REMARKS**

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,



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Date: November 19, 2001

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**APPENDIX**

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE CLAIMS:**

**The claims are amended as follows:**

18. A satellite telecommunications system for implementing the method according to claim 1, the system including:

-at least one satellite terminal ~~according to claim 9~~ having a table for each Internet service provider with which are associated user terminals connected to satellite terminals, said table establishing the relationship between target user terminal addresses and the labels associated with them, and the terminal listening to receiving labels of sub-networks to which the user terminals associated with it belong,

at least one Internet service provider ~~according to claim 13~~ associated with a label server adapted to supply an addressing label as a function of a target terminal station address of a data packet, and

at least one satellite ~~according to claim 14~~ having access to a table establishing the relationship between labels allocated to sub-networks and the spots of its satellite system and means for sending a data packet associated with a given label only in the spot or spots linked to said label.

19. A satellite telecommunications system ~~according to claim 18~~ for implementing the method according to claim 6, the system including:

at least one satellite terminal having a table for each Internet service provider with which are associated user terminals connected to satellite terminals, said table establishing the relationship between target user terminal addresses and the labels associated with them, and the terminal listening to receiving labels of sub-networks to which the user terminals associated with it belong.

PRELIMINARY AMENDMENT

Attorney Docket No. Q67252

at least one Internet service provider associated with a label server adapted to supply an addressing label as a function of a target terminal station address of a data packet,

at least one satellite having access to a table establishing the relationship between labels allocated to sub-networks and the spots of its satellite system and means for sending a data packet associated with a given label only in the spot or spots linked to said label, and

at least one ground station according to claim 17 including means for recognizing a "Label optimization" data packet coming from a label server and passing through said ground station to a target via a router connected to the ground station, and for sending the label server an indication to the effect that the label to be taken into account for said target is that to which said ground station forwards the "Label optimization" data packet.